

A SUPPLEMENT TO C. T. WHITE, "LIGNEOUS PLANTS COLLECTED IN THE TERRITORY OF PAPUA (BRITISH NEW GUINEA) IN 1925-26 BY L. J. BRASS"¹

ALFRED REHDER

PALMAE

Determined by M. BURRET

Calamus nannostachys Burret in Jour. Arnold Arb. XII. 264 (1931).
Kuraudi, Eastern Division, no. 1379.

Areca (*Balanocarpus*) **nannospadix** Burret, l. c. 265.
Ihu, Vailalo River, rain-forest, no. 921.

Actinophloeus microcarpus Burret, l. c. 267.
Loloki River, in dumps on river bank, no. 1659.

Actinophloeus linearis Burret, l. c. 268.
Lower Mori River, Eastern Division, rain-forest, no. 1566.

MORACEAE

Ficus

Determined by V. S. SUMMERHAYES

In my account² of the Figs collected in Papua by L. J. Brass on behalf of the Arnold Arboretum I inadvertently used for two new species of *Ficus* names which had previously been used for quite other species. It therefore becomes necessary to rename the Papuan species; these are as follows:

Ficus aechmophylla Summerhayes, nom. nov.

Ficus Brassii Summerhayes in Jour. Arnold Arb. x. 146, 207 (1929);
non R. Br.

Loloki River, no. 1660.

Ficus skytinodermis Summerhayes, nom. nov.

Ficus clusiaefolia Summerhayes l. c. 152, 209; non Schott.
Sogeri, foothill forest, alt. 500 m., no. 641.

Ficus Decaisneana Miquel, Fl. Ind. Bat. i. pt. II. 312 (1859).

Loloki River, no. 549, and Bongwina River, Eastern Division, no. 1620; cited (l. c. 206) under *Ficus subulata* Bl.

Conocephalus sp.

Lowa, Vailala River, alt. 60 m., on rain-forest trees, no. 1146, March 15, 1926 (climbing; attaching itself to trunks of trees by adventive roots; flowers axillary, pink).

¹See Jour. Arnold Arb. x. 197-274 (1929) for the original paper. The determinations in this supplement were mostly received from the Botanical Museum, Berlin-Dahlem.

²Jour. Arnold Arb. x. 142-154 (1929).

MYRISTICACEAE

Myristica sp.

Bisiatabu, alt. 300 m., no. **610**, Nov. 11, 1925 (compact tree, 10 m. high; bark channelled).

LEGUMINOSAE

Pithecolobium sp. aff. *P. umbellatum* Benth.

Keuru, Gulf Division, sea beach, no. **1197**, March 22, 1926 (small tree, 5 m. high; leaves dark bluish green; stamens pink.)

Mucuna pruriens De Candolle, Prodr. II. 405 (1825).

Domara River, Eastern Division, no. **1594**, June 31, 1926, (large climber; flowers purple; fruit silky-hairy).

Pueraria novoguineensis Warburg in Bot. Jahrb. XIII. 325 (1891).

Ihu, Vailala River, no. **957**, Feb. 12, 1926 (climbing over bushes on river bank; flowers large, blue).

CELASTRACEAE

Siphonodon sp.

Ihu, Vailala River, rain-forest, no. **1074**, Feb. 26, 1926 (small slender tree; fruit clusters on trunk).

SAPINDACEAE¹

Determined by H. MELCHIOR

Allophylus micrococcus Radlkofer in Schumann & Lauterbach, Fl. Deutsch. Schutzgeb. Südsee Nachtr. 307 (1905).

Ihu, Vailala River, rain-forests, no. **950**, Feb. 12, 1926 (slender tree, 12-15 m., with thin gray bark; fruit yellow); Hewa, Vailala River, rain-forests, no. **1132**, March 13, 1926 (small tree with close gray bark; fruit bright red); Kuraudi, Eastern Division, on river bank, no. **1385**, May 12, 1926 (small tree).—Common name "Odia" (no. 1132) and "Pidi-Pidia" (no. 1385).—See also Jour. Arnold Arb. x. 235.

Alectryon ferrugineus Radlkofer in Act. Congr. Bot. Amsterd. 1877, p. 84 (1879).

U-uma River, on river bank, Eastern Division, alt. 300 m., no. **1522**, May 20, 1926 (spreading tree 10 m. high; seeds glossy black, partly enclosed in a pink arillus).

Alectryon reticulatus Radlkofer in Sitzb. Math.-Phys. Cl. Akad. Muench. xx. 255 (1890).

Bomgwina River, Eastern Division, no. **1618**, June 2, 1926 (small river bank tree; flowers pink, in axillary panicles).

Guioa rigidiuscula Radlkofer in Sitzb. Math.-Phys. Cl. Akad. Muench. ix. 614 (1879).

¹See also Jour. Arnold Arb. x. 235 (1929).

Bisiatabu, alt. 450 m., no. **594**, Nov. 8, 1925 (slender tree, 10 m. high, with thin pale gray bark; fruit rufous).—Common name "Ete."

Guioa spec., aff. *G. aryterifolia* Radlkofer.

Bisiatabu, edge of rain-forest, alt. 450 m., no. **614**, Nov. 12, 1925 (tree 10 m. high, with thin gray bark; fruits brown in clustered panicles on main branches).

Cupaniopsis spec.

Iawarere, rain-forest, alt. 300 m., no. **706**, Nov. 29, 1925 (slender unbranched tree, 3 m. high, with a crown of long spreading pinnate leaves; fruits orange-tinted in axillary racemes or panicles).—Common name "Sisimana."

Elattostachys tetraporandra Radlkofer in Sitzb. Math. Phys. Cl. Akad. Muench. xx. 267 (1890).

Kapa Kapa, tidal flats, no. **795**, Dec. 7, 1925 (spreading tree to 7.5 m. high, with brown close bark); Rigo, coastal brush, no. **815**, Dec. 9, 1925 (spreading tree 7.5 m. high, with rough gray bark).

Elattostachys spec.

Domara River, rain-forests, Eastern Division, no. **1601**, May 31, 1926 (tree 9-12 m. high; fruit red, seeds black).

Lepidopetalum hebecladum Radlkofer in Sitzb. Math.-Phys. Cl. Akad. Muench. xx. 269 (1890).

Mowabula, Eastern Division, no. **1371**, May 10, 1926 (small river-bank tree; fruit red).

Dodonaea viscosa Jacquin, Enum. Pl. Carib. 19 (1760).

Bomgwina, Eastern Division, no. **1612**, June 1, 1926 (small beach tree).—See also Jour. Arnold Arb. x. 236.

Harpullia camptoneura Radlkofer in Sitzb. Math.-Phys. Cl. Akad. Muench. xx. 360 (1890).

Kapa Kapa, tidal flats, no. **806**, Dec. 8, 1925 (erect tree, 3 m. high; fruit yellow).

Harpullia cupanioides Roxburgh, Hort. Beng. 86 (1814), nomen; Fl. Ind. L. 645 (1832).

Kerema, Gulf Division, rain-forests, no. **1215**, March 24, 1927 (slender tree 3-4.5 m. high; flowers urceolate, white, in axillary panicles); Kuraudi, Eastern Division, common in riverine rain-forests over a large area of the south coast, no. **1394**, May 12, 1926 (large bush or sparsely branched slender tree; flowers greenish in axillary or supra-axillary panicles); U-uma River headwaters, on river bottom, alt. 300-450 m., Eastern Division, no. **1450**, May 18, 1926 (large sparsely branched bush or small tree, 2.5 m. high; flowers white, sweet-scented in axillary panicles); lower Mori River, Eastern Division, riverine rain-forests, no. **1558**, May 28, 1926 (slender small tree or bush 3-4.5 m. high;

flowers greenish white; fruit scarlet, seeds yellow).—Common name "Gari" (no. 1558).

Alphitonia moluccana Teysmann & Binnendijk, Cat. Hort. Bogor, 221 (1866), nomen.—Braid in Kew Bull. Misc. Inform. 1925, p. 184.

Alphitonia zizyphoides C. T. White in Jour. Arnold Arb. x. 236 (1929); not A. Gray.

Nos. **1497** and **1637** (see White, l. c.).

According to K. W. Braid in his Revision of the genus *Alphitonia* (l. c.), *A. moluccana* is not identical with *A. zizyphoides* which is restricted to Polynesia.

RUBIACEAE

Psychotria polyneura Val. vel aff.

Ihu, Vailala River, rain-forest, no. **962**, Feb. 13, 1926 (small soft-wooded bush, leaves somewhat fleshy).

COMPOSITAE

Microglossa volubilis De Candolle, Prodr. v. 320 (1836).

Uniori, alt. 250-300 m., light rain-forest, no. **739**, Dec. 2, 1925 (soft rambling under shrub).

APPENDIX

LIST OF HERBACEOUS PLANTS COLLECTED IN NEW GUINEA BY L. J. BRASS

CYPERACEAE

Remirea maritima Aubl.
No. 1614

Mapania macrocephala (Gaudich.)
K. Schum.
No. 1158

ARACEAE

Rhaphidophera novo-guineensis
Engl.
No. 1034 (juvenile stage).

Schismatoglottis calyptrata
(Roxb.) Zoll. & Moritzi
No. 916

Cyrtosperma Merkusii (Hassk.)
Schott
No. 931

Alocasia lancifolia Engl.
No. 913

COMMELINACEAE

Pollia macrophylla Benth.
No. 652

Forrestia hispida Less. & Rich.
No. 1124

Aneilema sp.
No. 999

LILIACEAE

Dianella ensifolia Red.
No. 1430

AMARYLLIDACEAE

Crinum macranthum Engl.
No. 1157

TACCACEAE

Tacca pinnatifida Forst.
No. 1169

DIOSCOREACEAE

Dioscorea bulbifera L.
No. 1030

Dioscorea tiliifolia Kunth
No. 867

MUSACEAE

Musa sp.
No. 1364

ZINGIBERACEAE

Curcuma longa L.
No. 548

Costus speciosus (Koenig) Smith
No. 922

Tapeinochilus sp.
No. 608

Alpinia novae-pommeraniae K.
Schum.
No. 1373

MARANTACEAE

Donax canniformis (Forst.) Rolfe
No. 926

Phrynium pedunculatum Warb.
No. 564, 960 in part

Phrynium macrocephalum K.
Schum.
No. 960 in part

ORCHIDACEAE

Agnostophyllum superpositum
Schlechter
No. 1493

Oberonia diura Schlechter
No. 1523 (not no. 1216 as cited in
Jour. Arnold Arb. x. 273).

Appendicula cleistogama Schlechter
No. 1216

AMARANTACEAE

Deeringia amaranthoides (Lam.)
Merr.
No. 869

CERATOPHYLLACEAE

Ceratophyllum sp. an *C. demersum*
L.
No. 1621

BALSAMINACEAE

Impatiens Hawkeri W. Bull.
No. 554

BEGONIACEAE

Begonia sp.
No. 919

CONVOLVULACEAE

- | | |
|---|---|
| Calonyction bona-nox (L.) Boj.
No. 857 | Ipomoea sp.
No. 1095 |
| Ipomoea denticulata (Desv.)
Choisy
Nos. 1029, 1639 | Jaquemontia paniculata (Burm.)
Hallier f.
No. 1404 |

LABIATAE

- | | |
|--|--|
| Dysophylla auricularia Bl.
No. 1122. | Orthosiphon stamineus Bl.
No. 833. |
| Coleus scutellarioides Benth.
No. 767. | |

SOLANACEAE

- Solanum** sp.
No. 972

SCROPHULARIACEAE

- | | |
|---|---|
| Limnophila rugosa (Rostk.)
Schlechter
No. 1651 | Ilysanthes veronicifolia (Retz.)
Urb.
No. 1014 |
|---|---|

GESNERIACEAE

- Cyrtandra** sp. aff. *C. bracteata*
Warb.
No. 1453

ACANTHACEAE

- Strobilanthes** sp. aff. *S. novomegapolitanus* Lindau
No. 1082

RUBIACEAE

- Nertera depressa** Banks & Sol. var.
papuana Val.
No. 1445

COMPOSITAE

- | | |
|--|--|
| Vernonia cinerea (L.) Less.
No. 752 | Blumea pubigera (L.) Merr.
No. 1363 |
| Vernonia lanceolata (Warb.) Moq.
No. 740 | Eclipta alba (L.) Hassk.
No. 893 |
| Adenostemma viscosum Forst.
No. 1036 | Wedelia biflora (L.) DC.
Nos. 719, 958, 1382 |
| Blumea Lessingii Merr.
No. 756 | Wedelia spilanthoides F. v. Muell.
No. 775. |